UNITE

西子优耐德®
XIZI UNITE

专属尊崇 · 智能之选
INTELLIGENT CHOICE FOR WORSHIP

HANGZHOU · CHINA

GCS8000

PASSENGER
ELEVATOR

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Intelligent choice for worship

专属尊崇 智能之选

五星级国际酒店——“洲际酒店”战略合作伙伴

Strategic partner for the five-star
international hotel Intercontinental Hotels & Resorts

巅峰价值 智慧产品

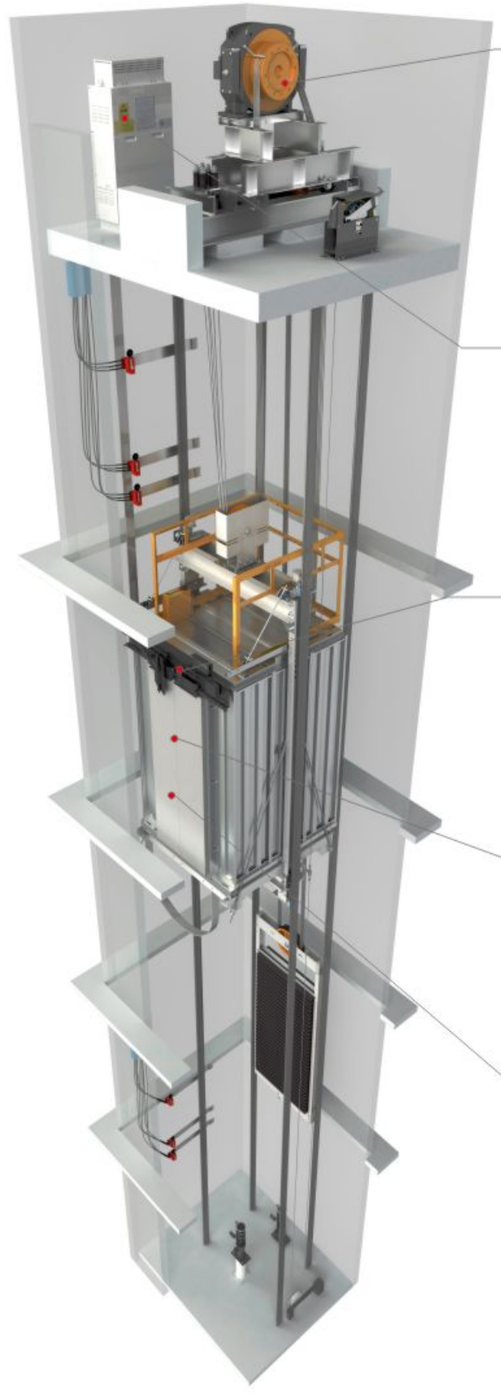
Intelligent product with peak value

优耐德GCS8000是集智能化、人性化、科技化与一体的现代智能电梯。广泛应用于写字楼，酒店，商业中心，医院等客流密集场所，为您高效生活带来方便与享受。

UNITE GCS8000 is a modern intelligent elevator that integrates intelligence, humanism and science. Widely used in office building, hotel, business center, hospital and other places with high passenger flow, it can bring convenience and enjoyment to your high-efficiency life.

主要配置
The main configuration

载重范围 Load range	630kg-2000kg
速度范围 Speed range	1.0m/s-4.0m/s
主　机 Host	VITO/GETM
控制柜 Control cabinet	U-Con
门　机 Door machine	永磁门机 Permanent frequency conversion
门保护 Door protection	光幕 Light curtains



◎ 高效能永磁同步无齿轮曳引系统
High-efficiency permanent-magnetic synchronous gearless driving system

采用高效永磁同步的非机械传动设计，噪音低、振动小、结构紧凑，节能效果高达40%。

With high-efficiency permanent-magnetic synchronous non-mechanical driving design, the system features low noise, low vibration, compact structure and energy saving by 40%.

◎ 稳定智能控制系统
Stable intelligent control system

确保电梯智能运行，是电梯运行安全、科技、舒适的保证。

The system supports intelligent running of the elevator, and is the guarantee for safe, technological and comfortable running.

◎ 安全可靠的门机系统
Safe and reliable door operator system

具有防水等级IP65光幕保护系统，光幕光速达154束以上，确保乘客生命安全。

Waterproof grade IP65 light curtain protection system, the the light curtain speed of light up to more than 154 beams ensure the safety of passengers' lives.

◎ LED高效能绿色光源
LED high-efficiency green light source

电梯用电量下降20%-35%。

This decreases power consumption of the elevator by 20%~35%.

◎ 净高2.4米轿厢空间，舒适搭乘体验
Comfortable experience from car with clearance height of 2.4m

比传统电梯轿厢增高20公分，给乘客一个更宽敞舒适的承载空间。

Car of the elevator is 20cm higher than traditional car, providing a wider and more comfortable carrying space.

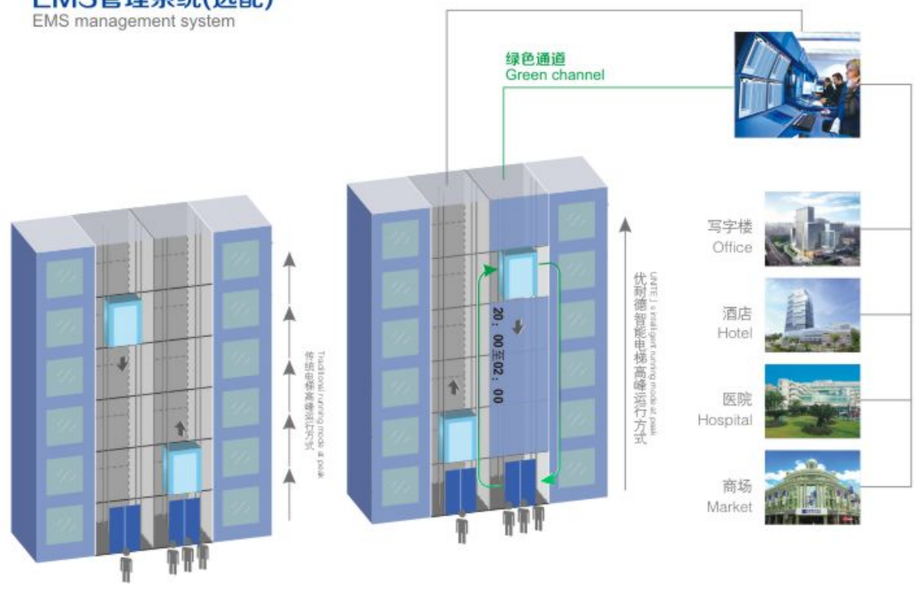
全面保障 服务贵宾
Full guarantee and service for VIP

GCS8000领先采用凝聚现代科技智慧的EMS管理系统，使电梯能智能处理更加复杂的客流情况，为各类需使用电梯的空间环境，提供更为智能的承载客流的解决方案。

通过EMS管理系统，GCS8000可针对客流的需求，智能解决大客流的上下难题。针对需求提供服务，让乘客更加方便迅捷的出行，同时，智能的保障贵宾的安全与尊享体验。

GCS8000 takes the lead to adopt EMS management system that concentrates intelligence of modern technology. This makes the elevator equal to more complicated passenger flow, and provides more intelligent solution for passenger flow carrying in various spaces needing elevator.
With EMS management system, GCS8000 can solve the issue of carrying high passenger flow and provide service as demand. This makes travelling more convenient and quicker, and intelligently protects VIP and makes the elevator enjoyable.

EMS管理系统(选配)
EMS management system



群监控
Group control

可同时监控多达100台电梯，详细监控1－4台，能实现故障管理并提供监控发生故障记录、显示及故障统计等数据。
At the same time, 100 elevators can be monitored, with 1~4 sets of them monitored in detail. The elevator supports fault management, offering and monitoring of fault record as well as display and statistics of fault.

VIP服务
VIP service

当有重要客人到访时，可实现电梯直接送至目的楼层，不响应外呼。
For important guests, the elevator can directly reach destination floor without response to hall call.

时间循环
Time cycle

在设定时间段内，客人多次乘坐电梯，可实现VIP服务功能。
Within established period, VIP service can be implemented for the guest that takes the elevator more than once.

楼层封锁
Floor blocking

为实现安全及贵宾客人的专享服务，可对独立电梯停靠楼层和时间循环设置进行封锁。
For safety and special service for VIP, parking floor and time cycle can be blocked.

消防
Fire prevention

可远程输入消防信号，进行消防迫降功能，使电梯返回消防基站。
For the purpose of fire prevention, fire signal can be remotely dialed for forced landing, namely the elevator can be returned to home landing.

舒适清静　细节专精

Comfort and silence with specialized detail

2.4米超大空间享受

2.4m oversize space

轿厢净高2.4m，比传统电梯轿厢增高20cm，为奢华配件提供装饰空间。用户可选择优耐德提供的多款选配轿厢内饰，亦可根据建筑风情，自行搭配风格软装，让贵宾一入电梯，立感不凡。

Car of the elevator is 2.4m in clear height (20cm higher than traditional car) and provides space for decoration with luxurious accessories. A user can select optional decorations provided by UNITE, or independently match styles for soft decoration to impress any VIP.

人性关怀盲文按钮

Braille button for human caring

采用人性外召及操作按钮，配备盲文设计，让电梯产品的关爱无微不至。

With humanistic hall call, operating buttons and Braille design, the elevator cares meticulously.

自然清新通风系统

Natural fresh ventilation system

分解、祛除异味，有效改善密闭轿厢空间中的空气质量，又可协助调节箱内温度的适宜性，呼吸畅快，自然精力充沛。

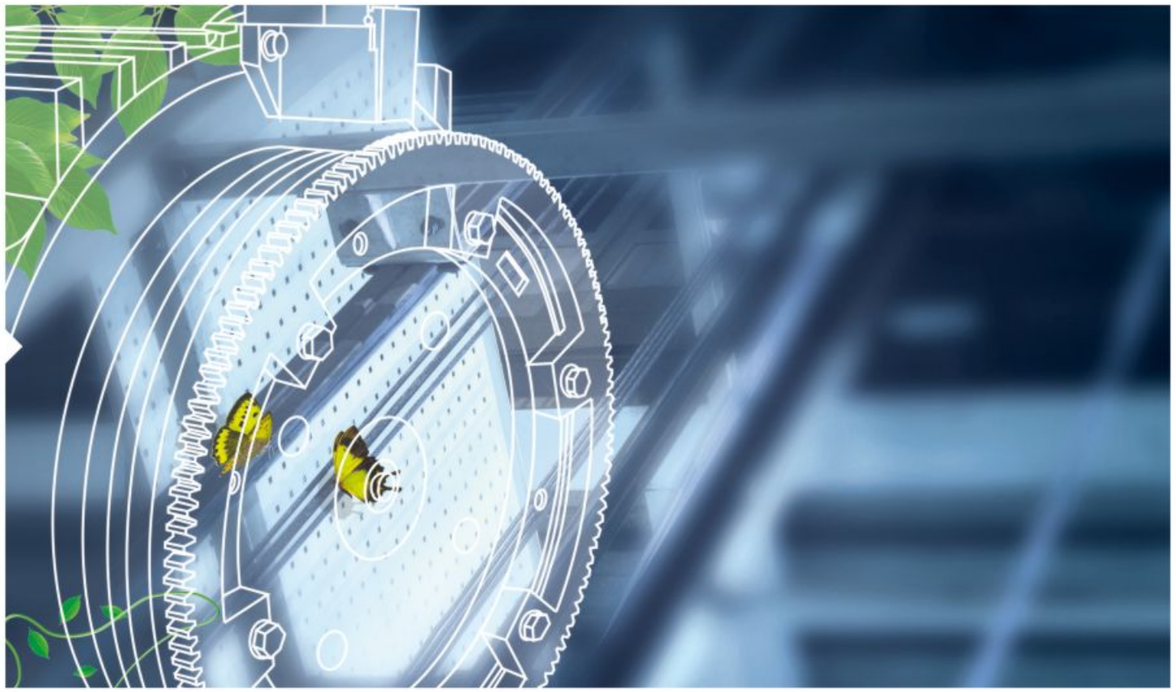
The system decomposes and removes odor, thus can effectively improve air quality in closed car and assist in temperature adjustment there as appropriate. Upon this, passengers can feel breathable and full of energy.

智能待机伺服响应

Intelligent standby, servo response

轿厢照明和轿厢风扇自动关闭功能，充分体现出优耐德的人性化设计。有人召唤——自动启动；智能判定无人召唤——轿厢内照明及风扇自动关闭。真正实现高效节能、持续待命。

Automatic disconnection of car lighting and fan full incarnates UNITE's humanistic design. In detail, when call occurs, car lighting and fan will automatically start; when there's no call as intelligently judged, they will be automatically disconnected. This truly implements high efficiency, energy saving and continuous standby.



高效环保 绿色产品
High-efficiency environmental green product

GCS8000明星客梯，以绿色科技为动力，为各类使用环境提供环保无污染的电梯产品。
对用户来说，电梯的环保节能，也是使用满意度的重要一环，基于社会责任感与对用户负责的出发点，GCS8000在各项细微之处，采用绿色环保科技，为用户带来真正绿色产品。

The star product, GCS8000 passenger elevator, is environmental and pollution-free for various service environments. For users, environment-friendliness and energy saving of elevator are also an important link for satisfaction. Upon sense of social responsibility and responsibility for users, at each detail of GCS8000, green technology is adopted to truly bring green product.

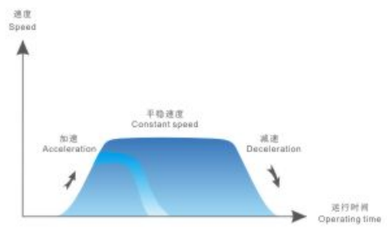
节能主机、三大优势
Energy-saving host with three advantages

采用永久密封的轴承，无需润滑，无油污污染，环境更加清洁，为用户节省维护成本；
噪音低、振动小、提高传动效率90%以上、较传统有齿轮主机平均节能30%以上；
专用变频器采用矢量闭环控制技术，智能化的调速装置能自动生成最佳速度曲线，使电梯在加速、减速、制动时更加平稳、减少层间运行时间，乘坐舒适。

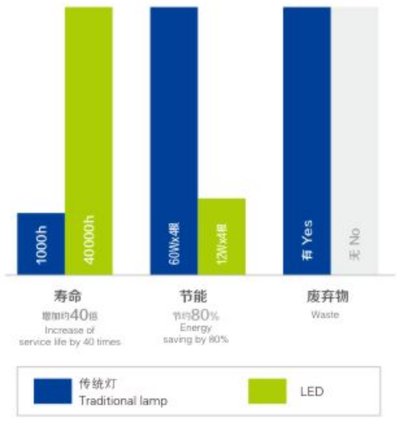
The elevator adopts permanently-sealed bearing that needs no lubrication and is free of oil dirt. This makes environment cleaner and saves maintenance cost for users. Its host features low noise and vibration, improves driving efficiency by more than 90%, and saves energy by more than 30% on average compared to traditional geared host. On its host, special frequency converter is subject to closed-loop vector control and intelligent speed-regulating device can automatically generate optimal speed curve, which makes acceleration, deceleration and braking more stable, reduces inter-floor running time and comforts passengers.

传播主机噪音
Noise generated by conventional traction machine

无齿轮主机噪音
Noise generated by gearless traction machine



LED灯与传统灯对比优势
Advantages of LED lamp compared to traditional lamp



LED天然光源照明
LED natural lighting

采用多角度光源设计，让箱内更为明亮的同时，采用全天然光源设备，使贵宾人在梯中，亦如在阳光下一般敏锐捕捉一切风云。
LED高效照明设备，具备自动切断功能，高效照明，低热能输出，无光污染、无汞蒸汽危害、绿色环保，高使用寿命，回收更替便捷。

Multi-angle light source makes car brighter, meanwhile full-natural light source allows passengers to clearly see in car like under sunshine.
Having long service life, LED high-efficiency lighting equipment implement automatic disconnection, high-efficiency lighting and low-heat output, and are green, environmental, free of light pollution and mercury vapor, and easy for recycling and replacement.

标准配置
Standard configuration

U-ZW1500

U-CR067

吊顶：U-CL029发纹不锈钢、亚克力、LED灯光源
轿壁：发纹不锈钢
地板：PVC
Ceiling: U-CL029 hairline stainless steel and acrylic plate
Car: hairline stainless steel
Floor: PVC

操纵箱：U-CF200发纹不锈钢 6.4"BND
召唤：U-ZW1500发纹不锈钢 4.3"BND
按钮：按钮带盲纹
Operation panel: U-CF200 hairline finished stainless steel, 6.4"BND
Call: U-ZW1500 hairline finished stainless steel, 4.3"BND
Button: Braille button

无偿选配
Free selection

轿厢：U-CR065发纹不锈钢
吊顶：U-CL032发纹不锈钢、亚克力、LED灯光源
Cabin: U-CR065 hairline stainless steel
Car decoration: U-CL032 hairline stainless steel and acrylic plate

轿厢：U-CR066发纹不锈钢
吊顶：U-CL030发纹不锈钢、亚克力、LED灯光源
Cabin: U-CR066 hairline stainless steel
Car decoration: U-CL030 hairline stainless steel and acrylic plate

轿厢：U-CR068发纹不锈钢
吊顶：U-CL028发纹不锈钢、亚克力、LED灯光源
Cabin: U-CR066 hairline stainless steel
Car decoration: U-CL028 hairline stainless steel and acrylic plate

可选配置
Options

U-CY300
面板：发纹不锈钢
Panel: Hairline stainless steel

U-ZW400
面板：发纹不锈钢
Panel: Hairline stainless steel

可选装潢
Option decoration

U-CR025
吊顶装饰：喷粉钢板冲孔，上覆亚克力
轿壁装饰：冰灰、黄褐喷粉钢板、镜面不锈钢
前壁装饰：喷粉钢板
地板装饰：PVC

Ceiling decoration: Powder printing steel frame, coated with acrylic
Cabin wall decoration: ice gray/fulvous powdered steel plate, mirror finished stainless steel
Front wall decoration: Powder printing steel
Floor decoration: PVC

U-CR026
吊顶装饰：喷粉钢板冲孔，上覆亚克力
轿壁装饰：浅驼色、百合彩喷粉钢板、发纹不锈钢
前壁装饰：喷粉钢板
地板装饰：PVC

Ceiling decoration: Powder printing steel frame, coated with acrylic
Cabin wall decoration: light camel/lily powdered color steel plate, hairline finished stainless steel
Front wall decoration: Powder printing steel
Floor decoration: PVC

U-CR027
吊顶装饰：喷粉钢板框架、亚克力、筒灯
轿壁装饰：金黄色、珠光金喷粉钢板、镜面不锈钢
前壁装饰：喷粉钢板
地板装饰：PVC

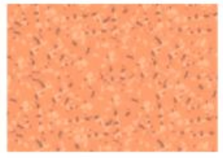
Ceiling decoration: Powder printing steel frame, acrylic, down lamp
Cabin wall decoration: golden yellow|pearlized gold powdered steel plate, mirror finished stainless steel
Front wall decoration: Powder printing steel
Floor decoration: PVC

扶手 Handrail

U-HR001
发纹不锈钢
Hairline stainless steel

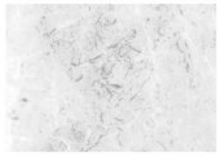
U-HR004
发纹不锈钢
Hairline stainless steel

地坪 Floor



U-FL004 PVC

U-FL006 大理石 Marble



U-FL011 大理石 Marble

整梯功能表

standard/optional equipped with

乘客公共安全 Public safety of passenger

光幕门保护 Light curtain protection	当两扇轿门的中间有东西阻挡时，导致光幕或安全触板动作，电梯就会开门。光幕保护在消防操作时不起作用。光幕防护等级IP65。 When light curtain or safety edge acts in that there's obstruction between two door panels, door will be opened. During fireman's operation, the function is not available. Class of light curtain protection: IP65	●
防捣乱功能 Anti-nuisance function	当电梯处于轻载状态时，轿厢指令数达到或超过设定值时，系统将消除所有指令。 If elevator is in light duty and number of car command reaches or exceeds setting value, the system will eliminate all commands.	●
智能型防捣乱功能 Intelligent anti-nuisance function	连续三个楼层开门，光幕没动作，认为非法指令，取消全部轿内指令。 When door opens continuously on three floors without action of light curtain, it will be deemed that there's illegal command and all car commands will be cancelled.	●
满载直驶 Full-load bypass	当轿厢内载荷达到满载预设值时，即进入满载直驶状态，电梯将不再应答厅外召唤而直接响应轿内指令直达指定楼层。 When load in car reaches preset full load, namely elevator enters full-load bypass, elevator will no longer respond to hall call, but directly reach designated floor in response to car command.	●
超载保护 Overload protection	当轿厢的载重量超出额定允许的载重时，超载蜂鸣器会鸣响以提示超载。此时显示超载，轿厢不关门，电梯停止运行。 When loading weight in car exceeds rated capacity, overload beeper will sound to indicate such overload. At this, neither door closes nor elevator sets out.	●
按钮防粘连保护 Button anti-adhesion protection	当按钮由于机械原因粘连时，电梯会屏蔽该层按钮，不响应该按钮的指令。 If adhesion occurs on a button due to mechanical fault, elevator will screen the button and no longer respond to command from the button.	●
门区二次防夹功能 Door zone secondary anti-pitch function	门机设定力矩检出功能，在卡阻时在设定力矩下不再提升力矩。 Door operator has function of torque detection. In case of jamming, torque won't be improved.	●
轿内紧急照明 Car emergency lighting	在轿内设置的紧急照明装置，停电时启用。 Emergency lighting device is provided in car, enabled in case of power failure.	●
轿内警铃 Car alarm bell	供在特殊情况下乘客通过按动轿厢内报警按钮，及时通知外界。 With the function, in special circumstances, passenger can press alarm button in car to timely notify the outside world.	●
关门超时保护 Door closing overtime protection	当电梯由于机械卡阻等原因导致不能关门到位超过预定时间，电梯重复三次关门后，未侦测到门关闭信号，电梯会自动进入保护状态，当电梯监测到门已正常关闭时，电梯将恢复正常操作。 If door fails to full close within preset period due to mechanical jamming, and door closing signal is not detected after three times of door closing, elevator will automatically enter protection state. When normal door closing is detected, elevator will recover to normal running.	●
开门超时保护 Door opening overtime protection	当电梯由于机械卡阻等原因导致不能开门到位超过预定时间时，内外呼信号会自动取消，驶向相邻层楼开门并释放乘客。 if door fails to full open within preset period due to mechanical jamming, car call signal and hall call signal will be automatically cancelled, and elevator will run to adjacent floor to release passengers.	●
双门扇重力强关 Dual door panel forced closing upon gravity	当厅门连接钢丝失效时，重力锤会使主、副门扇强制合拢。 If connecting wire of hoistway door fails, gravity will force main panel and auxiliary panel to joint.	●
厅门强制开门机械禁止 Hoistway door forced opening and mechanical stop	在厅门钢丝绳断裂情况下,保护厅门外人员的作用。 The function is to protect personnel outside hoistway door in case that wire rope of hoistway door breaks.	●
终端越程保护 Terminal overtravel protection	电梯的上下终端都装有终端减速开关和终端极限开关，以保证电梯不会超越行程。 Both upper and lower terminal of elevator are equipped with terminal speed reducing switch and terminal limit switch to prevent overtravel.	●
消防功能 Fire prevention	消防功能作用后，电梯返回消防层楼进行，停止运行。 When the function acts, elevator will return to fire door and stop.	●

消防员功能预置 Fireman function presetting	预留消防员开关（此功能需要和消防电梯配套使用）。 Fireman switch is reserved. The function acts together with fire elevator.	●
消防回馈 Fire feedback	当电梯完成消防运行后，系统回馈完成一个信号，方便楼宇系统接入。 When fireman operation ends on elevator, a signal will be fed back to facilitate access to building system.	●
就近平层 Local leveling	当电梯出现意外故障时,电梯层楼记忆,在恢复运行后,无须进行端站层楼恢复,提高运行效率。 If accidental fault occurs on elevator, current floor will be memorized, so that for recovery it is unnecessary to return to terminal landing. This improves running efficiency.	●
停电应急平层 Power failure emergency leveling	当由于大楼停电导致运行中的轿厢不在门区而困人时，停电应急平层装置就会启动，驱动电梯就近低速运行到门区开门放人。 If passengers are trapped in that running car is not in door zone in case of power failure, power failure emergency leveling will start and drive elevator to run to the nearest door zone at low speed, followed by door opening.	○
地震操作 Earthquake operation	配有地震操作功能时，如果发生地震，地震检测装置动作，该装置有一个触点信号输入到控制系统，控制系统控制电梯就近停靠，而后开门放客停梯(地震检测装置客户自理)。 With the function, in case of earthquake, earthquake detector acts, and inputs a contact signal to control system, which drives elevator to locally park, open door to release passengers and stop. Earthquake detector shall be self-provided by customer.	○
封芯防失速功能 Core closing anti-stall function	当电梯停止运行后，电梯启运封星电路,闭合线圈在切割永磁 体的磁力线时产生电流过程中产生反向力矩,避免电梯由于制动失效时,电梯失速。 When elevator stops, it will start core closing circuit. During current producing for cutting line of magnetic force of permanent magnet, opposite torque is produced to avoid stall due to braking failure.	●
门区外门开禁止 Door opening prohibition outside door zone	为安全起见，在门区外，系统设定不能开门。 For safety, door opening is disabled outside door zone.	●

电梯基本功能 Basic functions of elevator

层楼显示 Floor display	为方便乘客了解电梯的运行方向，在轿内操纵面板和厅外召唤面板上有箭头状指示灯提示运行方向。 To make running direction known to passengers, there's arrow-like indicator lamp that indicates running direction, on car operation panel and hall call panel	●
全集选 Full collective	电梯对大楼内上、下召唤信号、轿内选层指令及各种信号进行综合分析判断后，将自动优选与电梯运行方向一致的信号进行依次应答。 After comprehensively analyzing and judging up/down call signal, floor selection command in car and other signals, elevator will automatically prioritize signal consistent with current running direction, for orderly response.	●
动态显示 Dynamic display	电梯在运行时,方向灯闪烁.在电梯停靠层楼时,方向灯停止闪烁，友好的告知厅外候梯人员电梯所处的状态。 Direction lamp flashes during running of elevator, and will go out when elevator parks to inform hall waiters of elevator state.	●
司机功能 Attendant function	通过操作操纵箱内开关进入有司机操作状态，可由司机对轿厢乘客数量、厅外呼梯响应、开关门等进行管理。 When attendant operation is entered through switch in operation panel, attendant can control quantity of passenger, response to hall call, door opening/closing, etc.	●
司机直驶 Attendant bypass	进入司机状态后，按住操纵箱内NSB按钮，电梯不响应外召，直接驶向目的楼层。 In state of attendant operation, if the button NSB in operation panel is pressed, elevator will not give response to hall call but directly run to destination floor.	●
司机友好提醒 Friendly prompt for attendant	当电梯处于司机运行状态时,外部召唤登记使对应指令灯进行闪烁,提醒司机人员了解召唤的登记的情况.(此功能和司机功能一起工作)。 In state of attendant operation, when hall call is registered, corresponding command lamp will flash to remind attendant to learn situation of such registration. The function acts together with attendant function.	●
VIP 独立服务 VIP independent service	为 VIP 乘客提供的一项特殊功能，使得 VIP 乘客可以以最快速度到达目的楼层。 Special for VIP passengers, the function can bring them to destination floor at the highest speed.	●
VIP 显示模式 VIP display mode	VIP时 ,厅外显示熄灭,确保贵宾到达的入住的层楼信息不透露,提高安保性能,同时避免其他乘客误解电梯所处的状态。 For VIP passengers, hall display goes out to prevent disclosure of information about VIP's destination floor, improve security meanwhile avoid misunderstanding of elevator state by other passengers.	●
错误指令取消 Cancellation of false command	乘客按下指令按钮被响应后，发现与实际要求不符，可在指令登记后连按 2 次错误指令的按钮，该登记的信号就被取消，该功能可通过参数开通。 When a passenger finds nonconformity with actual demand after command button is pressed and such press is responded to, he can press button of false command twice continuously after command registration to cancel the registered signal. The function can be made available by parameter setting.	●

反向指令自动消除 Automatic elimination of command for reverse	When the first or last landing is reached and elevator has to reverse, all commands originally registered [illegible] 当电梯到达最远层站将要反向时，原来所有后方登记的指令全部消除。	●
本层厅外开门 Door re-opening	During normal door closing, when call button that indicates the direction consistent to current running direction is pressed in hall, door will be re-opened. 在正常关门过程中，厅外与电梯同向的召唤按钮被按下时，电梯将重新开门。	●
关门按钮提前关门 In-advance door closing	In full-automatic state, when door closing button is pressed, the function of door opening keeping can be [illegible] close. 全自动状态下，按下关门按钮后，可取消开门保持功能，门开到位后会立即关门。	●
开门按钮开门 Door opening	When elevator stops in door zone, opening button can be pressed in car to re-open full or partly closed door. 电梯停在门区时，可以在轿厢中按开门按钮使电梯已经关闭或尚未关闭的门重新打开。	●
开门保持功能 Door opening keeping	When not a few passengers enter car and it is necessary to prolong time of door opening, the button of door opening keeping on operation panel can be pressed. 在进入轿厢乘客较多，需延长开门时间时，可按住操纵面板上的开门保持按钮。	○
基站锁梯 Elevator locking at home landing	全自动运行或司机状态下，锁梯开关被置位后，消除所有召唤登记，只响应轿内指令直至没有指令登记。而后返回基站，自动开门后关闭轿内照明和风扇，点亮开门按钮灯，在延时 10 秒后自动关门，而后停止电梯运行。当锁梯开关被复位后电梯重新开始正常运行。锁梯后厅外不显示楼层信息，仅在外召按钮被按下时给出锁梯提示。 In full-automatic state or attendant state, when elevator locking switch is set, all call registrations will be cancelled and only car command will be responded to until there's no command registration. Afterwards, elevator returns to home landing, automatically opens door, disconnects lighting and fan in car, turns on opening button lamp, and automatically closes door in delay of 10s, followed by stop. When elevator locking switch is reset, elevator will recover to normal running. When elevator is locked, floor information won't be displayed, and prompt of elevator locking will be given only when hall call button is pressed.	●
盲文按纽 Tactile button	Command button is tactile, operable for blind passengers. 指令按钮带有盲文标识,方便盲人乘客操作。	●
EMS(楼宇管理系统) EMS (building management system)	The system is for elevator monitoring, control and management, suitable for hotel and community. 进行电梯监视、控制管理系统，此系统适合酒店、小区进行管理。	○
语音报站 Voice announcement	系统在配有语音报站功能时，电梯在每次平层过程中，语音报站器将报出即将到达的层楼，在每次关门前，报站器会预报电梯接下去运行的方向等。 [illegible] direction.	○
轿箱智能 IC 系统 Car intelligent IC function	IC卡管理功能通过轿内和厅外读卡系统对特定层楼进行权限管理，对人员出入电梯进行智能管理，此功能仅对电梯有效不能与大楼其他IC卡管理集成。 IC card management implements authority management for specific floor, through car and hall card reading system, based on which entry into and departure from elevator are subject to intelligent management. The function is only effective for elevator, and can't be integrated with other functions of IC card management in building.	○
安防层楼设置 Security floor setting	在特定的时间对指定的楼层进行特定的封锁服务。特定的封锁服务指的是可以单独封锁外呼登记,也可以单独封锁指令登记,也可以封锁指令和外呼登记,也可以不封锁。 The function is for specific blocked service of designated floor within specific period. For such service, hall call registration and/or command registration can be blocked or not.	○
蠕动再平层 Creep re-leveling	当由于进出乘客等原因引起负载变化使轿厢地坎与层门地坎的误差超过一定值时，电梯将会自动执行再平层，使轿厢回到准确平层位置。 If deviation of car sill from landing sill exceeds a limit due to load changing by entry or departure of passengers, elevator will automatically re-level to recover car to accurate position of leveling.	○
增效提前开门 In-advance door opening for efficiency improvement	当电梯运行接近门区位置时，在允许安全的条件下，电梯会提前开门并低速爬行至平层位置，提高电梯运行效率。 When elevator approaches door zone, under safe condition, elevator will open door in advance and run at low speed to position of leveling. This improves running efficiency.	○
基站开门待机 Door opening for standby at home landing	With the function, when elevator is not used, it will wait with door opened at home landing. 当用户选择该功能时，电梯在无人员用梯时，将在基站开着门等待乘客。	○
来客访问 Visit	The function is to open elevator for visitor. The function acts together with building system and intelligent IC system. 当有客人来到时，需要给客人进行电梯开放。（此功能需和楼宇系统、智能IC系统一起配套进行使用。	○
时钟高峰 Peak	With the function, quick response is given to floor with large passenger volume within preset period. 在设定时间，对高乘客流量层楼进行快速响应。	●

厅外到站钟 Hall arrival gong	选配该功能时，每一层的大厅里都装有上、下到站钟。用以告诉乘客该电梯即将到站。 If the optional function is selected, up/down arrival gong will be provided in hall on each level to inform passengers of arriving of elevator.	○
轿内到站钟 Car arrival gong	在电梯减速平层过程中会鸣响装在轿顶的到站钟，以提醒轿内乘客和厅外候梯乘客电梯正在平层，马上到站。 During speed reduction and leveling, arrival gong on car top sounds to inform passengers and waiters of leveling and arriving.	●
副操纵箱操作 Auxiliary operation panel	在有主操纵箱的同时，还可选配副操纵箱。乘客可以通过副操纵箱登记指令和门操作。 Auxiliary operation panel can be provided in addition to main operation panel. A passenger can implement command registration and door operation via auxiliary operation panel.	○
残疾人操纵厢操作 Operation panel for the handicapped	电梯可选配残疾人操纵箱，供残疾人进行特殊操作。 Operation panel for the handicapped can be selected for special operation by the handicapped.	○
自动返回基站 Automatic return to home landing	全自动运行时，如果设定自动返基站功能有效，当梯群中无指令和召唤时，电梯在一定时间（时间可通过参数设置）延迟后自动返回基站。 When elevator stops, it will start core closing circuit. During current producing for cutting line of magnetic force of permanent magnet, opposite torque is produced to avoid stall due to braking failure.	○
机房隔音减震装置 Machine room sound-proof and vibration-proof device	机房承重装置下专有特殊材质的隔音减震装置，降低轿厢和顶层大厅的噪音。 During full-automatic running, if the function is validated and there's no command or call in elevator group, elevator will automatically return to home landing after delay for some time (subject to parameter setting.)	●
轿内照明、风扇自动控制 Automatic control of lighting and fan in car	在没有接到任何操作指令的情况下，电梯在关门后的预定时间内，将进入节能模式，关闭轿内的照明和风扇。但在接到系统指令后，重新启动风扇和照明。 If no operation command is received, elevator will enter energy-saving mode and disconnect lighting and fan in car within preset time after door closing. When command is received, lighting and fan will be started.	●
并联 Parallel connection	该功能用于两台同型号电梯成组控制时使用，能自动选择最合适的应答，避免电梯重复停梯，缩短乘客候梯时间，提高运行效率。 The function is for group control of 2 elevators of the same model, supporting automatic selection of the most proper response. It avoids repeated parking, shortens waiting time and improves running efficiency.	○

系统安全 System safety

安全接触器触点检测保护 Contact detection and protection on safety contactor	系统检测安全继电器、接触器触点是否可靠动作，如发现触点的动作和线圈的驱动状态不一致，将停止轿厢一切运行。 The system detects reliable action of safety relay and contact on contactor. If nonconformity of action of contact with driving state of coil is found, any work in car will be stopped.	●
抱闸反馈检测功能 Brake feedback & detection	对抱闸继电器信号进行全程监控，当发现抱闸继电器的实际状态与始定的命令不符时，停止运行。 Brake relay signal is always monitored. If nonconformity of actual state of brake relay with preset command is found, running will be stopped.	●
独立双制动器 Independent dual brake	驱动主机采用独立的制动器。 Independent brake is involved as main drive.	●
运行时间限制器 Running time limiter	当电梯运行过程中，如果连续运行了运行时间限制器规定的时间（最大 45 秒）发现平层开关没有动作，就停止轿厢一切运行。 During running, if leveling switch doesn't act after continuous running for time specified by running time limiter (max. 45s), any work in car will be stopped.	●
超速保护 Overspeed protection	当速度超出控制范围的运行导致的安全问题而设置的保护。 The function is to protect elevator against safety problem caused by running at speed out of control range.	●
低速保护 Low speed protection	为防止电梯在控制范围外低速运行导致安全问题而设置的保护。 The function is to protect elevator against safety problem caused by running at speed lower than control range.	●
主机过热保护 Primary machine overheat protection	由于机房温度过高或运行发热，电动机温度超过预设值时，电梯将自动进入保护状态。电梯就近停靠，开门安全疏散乘客并关闭轿内照明和电扇，等温度正常后，电梯恢复正常运行。 When motor temperature exceeds preset value due to overheat in machine room and heat produced in running, elevator will automatically enter state of protection, namely elevator will park locally, open door for passenger evacuation and disconnect lighting and circuit in car. When temperature gets normal, elevator will recover to normal running.	●
门锁电路高，低压双路监控 Door lock circuit high-voltage and low-voltage two-way monitoring	门锁电路通过高压引入进行有效性检查，通过转换后的弱电进行辅助二次判断检察门锁回路是否有效提高了安全性。 Effectiveness of door lock circuit is detected by introduction of high voltage. Whether door lock circuit effectively improves safety is second inspected by converted weak current.	●

安全回路故障保护 Safety circuit fault protection	系统收到安全回路故障信号就紧急停车，并在有故障时防止电梯运行。 When safety circuit fault signal is received, elevator will be subject to emergency stop, and prevented from running under fault.	●
主控 CPU WDT 保护 Main control CPU WDT protection	主控板上设有 WDT 保护，当检测到 CPU 故障或程序有故障时，WDT 回路强行切断主控制器输出点，并使 CPU 复位。 WDT protection is provided on main control board. When fault of CPU or program is detected, WDT circuit will forcibly disconnect main controller output point and reset CPU.	●
外呼板查询功能 Inquiry on hall call board	通过操作器，查询每一层的外呼板是否正常工作。 Whether hall call board on each floor works normally can be inspected via manipulator.	●

保养安全功能 Maintenance

五方通话 Five-party conversation	用于在特殊情况下通过设置在轿厢操纵面板、轿顶、底坑的对讲装置保持与机房及监控中心的语音联系（用户提供机房到监控室的电缆）。 The function is keep voice contact with machine room and monitoring center via talkback provided on car operation panel, car roof and pit. User provides cable from machine room to monitoring center.	●
层高自学习 Storey height self-learning	电梯层楼高度进行自动的学习。 Elevator automatically learns storey height.	●
绝对位置自定位 Absolute position self-establishment	每次断电恢复后,重新进行最大力矩点的绝对位置定位,确保电梯运行高效力矩状态。 After each power failure recovery, elevator re-establishes absolute position of max. torque point to ensure running in high-efficiency state.	●
机房安全配电盒 Safety distribution box in machine room	对电梯上电、断电进行控制并实现断电上锁功能，使维保人员有效控制电梯。对过载和短路进行保护。 The device controls connection and disconnection of power supply, and supports locking after disconnection of power supply. With the device, maintainer can effectively control elevator and protect elevator against overload and short circuit.	●
机房 220V 检修电源插座 220V servicing power socket in machine room	机房里配备检修用AC220V电源插座。 AC220V power socket is provided in machine room for servicing.	●
底坑检修梯 Pit servicing ladder	在底坑里方便维修人员进出的攀登梯。 Ladder is provided in pit for maintainer.	●
容错电缆 Fault-tolerant cable	当电梯某种不确定的原因,发生随动电缆随动部分外层破损时,该设计允许您将原随动部分改为固定部分,固定部分改为随动部分,即反向安装,降低维修成本。 When breakage occurs on outer shell of follow-up part of follow-up cable, with the design, follow-up part and fixed part can be modified into each other, namely inverted installation can be implemented. This lowers maintenance cost.	●
轿顶中控检修屏 Central control servicing screen on car top	轿顶检修控制台,集成化设计,减少了故障点,提高维修便捷性。 Depending on integrated design, servicing console on car top reduces fault points and facilitates maintenance.	●
板载操作器（信息读取） Onboard manipulator (information reading)	系统自带简约型板载操作器,提供您了解电梯的状态(此功能针对专业人事)。 The system has simple onboard manipulator via which elevator state can be learned. The function is provided for professionals.	●
感受型在线调试 Perceptual online debugging	调试员可以陪同乘客直接在箱内直接边感受电梯的舒适性,边可以按照需求进行运行曲线的调整。 Debugger can accompany passenger in car to directly perceive comfort of elevator, meanwhile adjust running curve as demand.	●
故障历史记录 / 查询 Fault recording /history inquiry	可记录 20 条最近的故障，包括发生时间、楼层、代码。 The latest 20 faults can be recorded, in aspects of time, floor and code.	●
故障时间查询 Fault time inquiry	故障记录中可以清晰的看到电梯发生故障时的时钟。 Fault record clearly specifies time of fault.	●
轿顶检修功能 Servicing functions on car top	电梯轿顶设有检修箱，使检修维护更为安全快捷。 Servicing box is provided on car top, which makes servicing and maintenance safer and faster.	●
轿内检修功能 Servicing functions in car	轿箱内设置有检修运行开关，方便维保人员进行多点进行检修。 Servicing switch is provided in car, which facilitates maintainer for servicing at multiple points.	●
机房检修 Servicing in machine room	机房内进行检修运行操作。 Servicing can be carried out in machine room.	●
检修显示模式 Servicing display mode	当电梯处于检修运行状态时，电梯关闭厅外显示，轿箱内出现请退出提醒。同时在人按外召唤按钮时，厅外显示出现,告知电梯所处的层楼。 In state of servicing, hall display is shut down, and prompt on departure is given in car. In the meantime, when hall call button is pressed, hall display will inform the presser of the floor where elevator is located.	●

编码器干扰评估 Encoder interference evaluation	通过操作器检测编码器信号的干扰情况。 Interference with encoder signal can be detected via manipulator.	●
CAN 通讯干扰评估 CAN communication interference evaluation	通过操作器检测 CAN 通讯的质量。 Quality of CAN communication can be inspected via manipulator.	●
平层微调 Fine adjustment for leveling	当电梯平层略有差异时可以通过人工进行干预。 If there's slightly deflection in elevator leveling, manual intervention can be implemented with the function.	●
轿内检修 Car servicing	为方便调试与保养而提供的功能，通过开关转换，可以轿厢内以检修速度点动运行电梯。 The function is provided for debugging and maintenance. Elevator can be run by inching at servicing speed in car.	●
测试运行 Test running	这是为测试或考核新梯而设计的功能。将一体机某个参数设置为测试运行时，电梯就会自动运行。自动运行的总次数和每次运行的间隔时间都可通过参数设置。 The function is designed for testing or examining new elevator. Elevator can automatically run after some parameter of AIO is established as state of test running. Total times of automatic running and interval between runs can both be established by parameter setting.	●
全井道双控照明 Full-well double-control lighting	整个井道壁上安装等距的方式设置有双控照明。 Double-control lighting is provided by installing lamps through well wall.	●
厅门手动开门强制确认功能 Forced confirmation for hall door manual opening	当手动开门时，第一步只能够开一条缝，在您确认回关后才能彻底完全打开。 For manual opening, door first can only be opened by a seam, and can full open only if opening is confirmed.	○
用户自定义线缆预留 Customized cable reservation	方便客户扩展功能，为用户提供预留线。 Cable is reserved for user for functional expansion.	○

升级 READY Upgrade READY

EMS 准接口 EMS quasi-interface	本系统已经预留了楼宇管理系统的接口。 The system reserves interface with building management system.	●
特殊字母显示 Show of special letter	通过手持操作器可以设置每一层楼显示的字符，如设置地下一楼显示"B"等。 Character shown on each floor can be established via manipulator. For example, that shown on B1 can be established as B.	○

基本结构 Basic structures

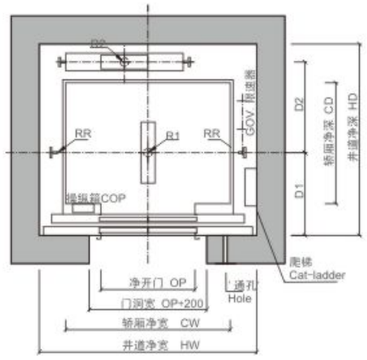
框架式箱体结构 Frame-type box	矩形高强度框架结构。 Rectangular high-strength frame structure	●
弹性隔音轿厢体 Elastic soundproof car body	轿底有橡胶减震，降低井道内噪音传递到轿内。 On the bottom of car there's rubber that reduces vibration and noise transferred from well to car.	●
轿顶柔线形弹簧减震 Flexible spring on car top for vibration reducing	轿顶反绳轮下端有螺旋型弹簧减震，吸收钢丝绳上各个频段震动，减少传递到轿厢内震动。 Below diversion sheave on car top, there's vibration-reducing helical spring that absorbs vibration in each frequency range on wire rope and reduces vibration transferred to car.	●
梁式门机安装 Installation of beam-type door operator	采用直梁安装,将门机传动与轿厢分离，降低了开关门噪音往轿厢内的传入。 Straight beam is involved for installation. This separates transmission on door operator from car and reduces transfer of noise from door opening/closing to car.	●

上述功能项仅适用于 GCS8000 标准配置的电梯。
The functions above are only applicable for GCS8000 elevator with standard configuration.

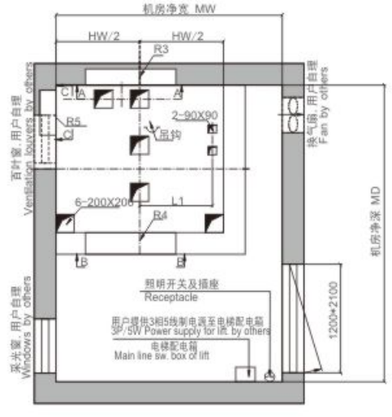
● 标准配置 Standard function

○ 选项配置 Optional function

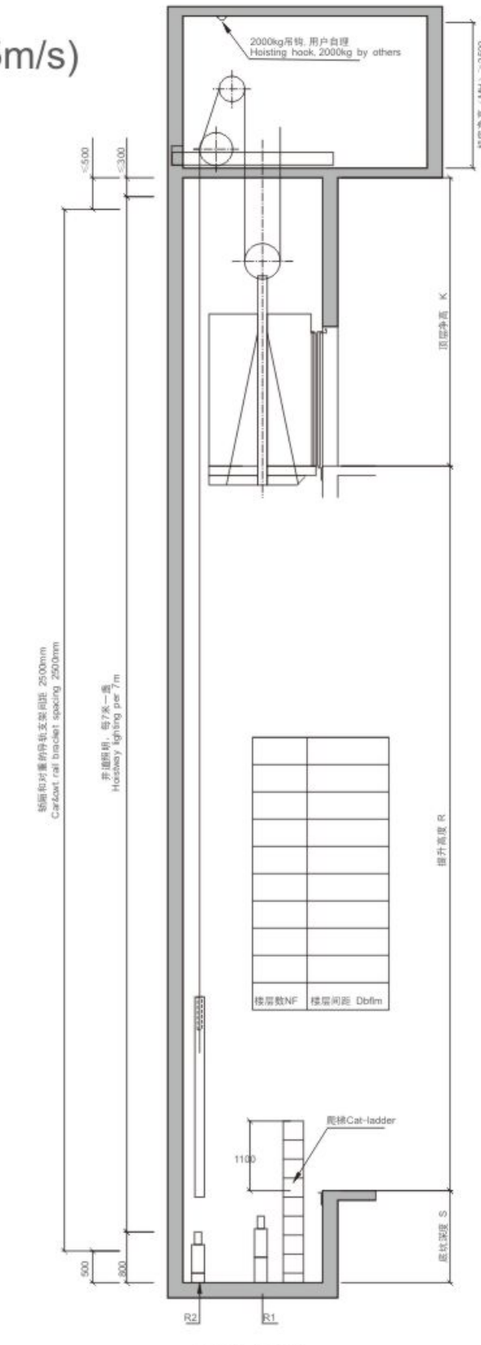
GCS8000 土建图(1-2.5m/s)
GCS8000 civil drawing (1-2.5m/s)



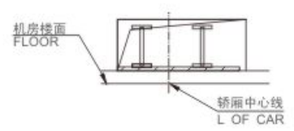
井道平面图
Hoistway plan



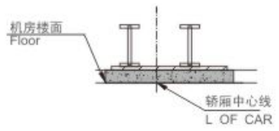
机房留孔图
Cutouts of matchine room



井道立剖面图
Section Drawing

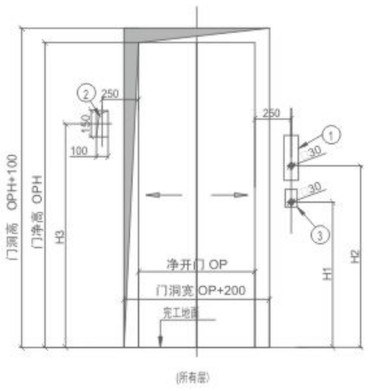


A-A承重洞
Bearing hole



B-B承重墩
Bearing frusta

C-C承重孔
Bearing hole



1:按钮和显示
2:消防开关（若有消防功能），仅基站设置，其余层无此留孔
3:基站盒(ZW400)
4:建议用户采用内径Φ30mm的PVC管预留召唤走线通孔

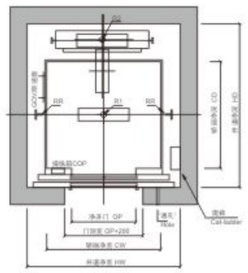
1:Buttons and Display
2: Fire switch (if the fire function), only the base set, and the remaining holes to stay level no such
3: base case(ZW400)
4: the user is the PVC pipe diameter Φ30mm call routing vias reserved

厅门图
Front view

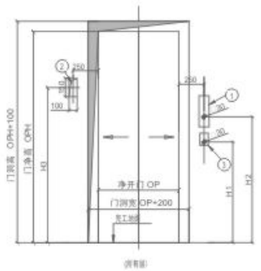
载重(kg) Loading Capacity	速度(m/s) speed	轿厢净尺寸(mm) 宽(CW)×深(CD) Cabin size(net)	净开门尺寸(mm) 宽(OP)×高(OPH) Open size	井道净尺寸(mm) 宽(HW)×深(HD) Hoist way size(net)	机房净尺寸(mm) 宽(MW)×深(MD)×高(MH) Matchine room(net)	地坑深度 S(mm)Pit	顶层高度K(mm) Overhead	最大层站数(层) Max.Stop	最大提升高度(m) Max.rise	消防功能Fire Function 最大层站数(层) Max.Stop	消防功能Fire Function 最大提升高度(m) Max.rise
630	1	1400x1030	800x2100	1850x1700	2500x3350x2300	1350	4350	20	60	20	55
	1.5					1450	4450	32	105	28	80
	1.75					1550	4550	32	105	32	90
680	1	1400x1100	800x2100	1850x1700	2500x3350x2300	1350	4350	20	60	20	55
	1.5					1450	4450	32	105	28	80
	1.75					1550	4550	32	105	32	90
800	1	1400x1350	800x2100	1850x1950	2500x3350x2300	1350	4350	20	60	20	80
	1.5					1450	4450	32	105	28	55
	1.75					1550	4550	32	105	32	90
	2.0			1950x2100	2800x3750x2500	1850	5000	36	120	36	110
	2.5					2050	5200	36	120	36	110
900	1	1600x1300	900x2100	2150x2050	2800x3750x2500	1350	4350	20	60	20	55
	1.5					1450	4450	32	105	28	80
	1.75					1550	4550	32	105	32	90
	2.0					1850	5000	36	120	36	110
	2.5					2050	5200	36	120	36	110
1000	1	1600x1400	900x2100	2050x2000	2700x3650x2300	1350	4350	20	60	20	55
	1.5					1450	4450	32	105	28	80
	1.75					1550	4550	32	105	32	90
	2.0			2150x2100	2800x3750x2500	1850	5000	36	120	36	110
	2.5					2050	5200	36	120	36	110
1150	1.0	2000x1350	1100x2100	2600x2100	3250x3750x2500	1400	4400	20	60	20	55
	1.5					1500	4600	32	105	28	80
	1.75					1600	4700	32	105	32	90
	2.0					1850	5000	36	120	36	110
	2.5					2050	5200	36	120	36	110
1350	1.0	2000x1550	1100x2100	2600x2300	3250x3950x2500	1400	4400	20	60	20	55
	1.5					1900	4600	32	105	28	80
	1.75					1600	4700	32	105	32	90
	2.0					1850	5000	36	120	36	110
	2.5					2050	5200	36	120	36	110
1600	1.0	2000x1750	1100x2100	2600x2500	3250x4150x2500	1400	4400	20	60	20	55
	1.5					1900	4600	32	105	28	80
	1.75					1600	4700	32	105	32	90
	2.0					1850	5000	36	120	36	110
	2.5					2050	5200	36	120	36	110

注：以上示例图仅供参考 Note: The above map is for reference sample

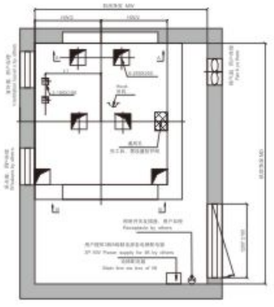
GCS8000 土建图（≥3m/s）
GCS8000 civil drawing (≥3m/s)



井道平面图
Hoistway plan



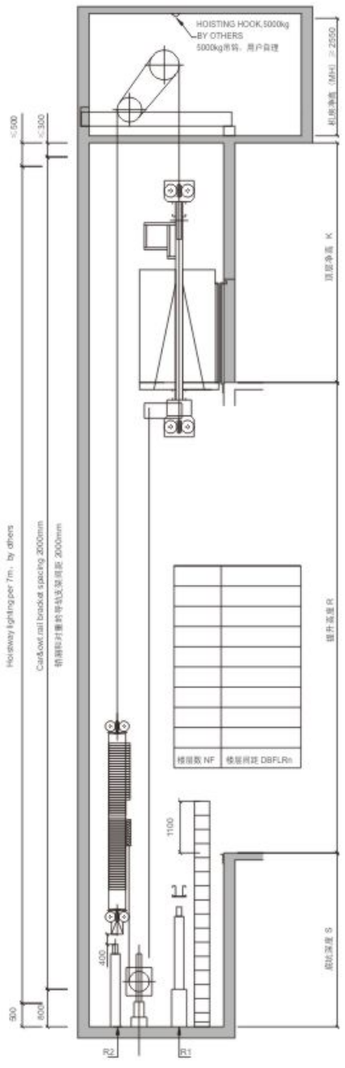
厅门图
Front view



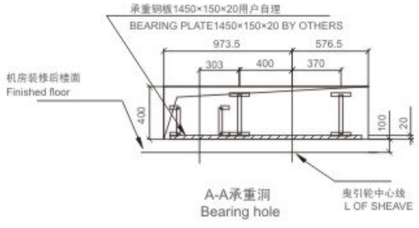
机房留孔图
Cutouts of machine room

1:按钮和显示
2:消防开关（若有消防功能），
仅基站设置，其余层无此留孔
3:基站盒(ZW400)
4:建议用户采用内径Φ30mm的
PVC管预留召唤走线通孔

1:Buttons and Display
2: Fire switch (if the fire function),
only the base set, and the remaining
holes to stay level no such
3: base case(ZW400)
4: the user is the PVC pipe diameter Φ30mm
call routing vias reserved

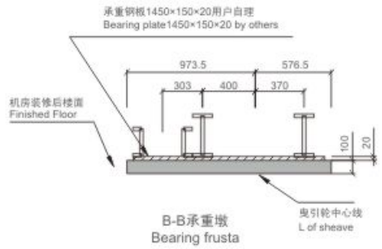


井道立剖面图
Elevation



A-A承重洞
Bearing hole

曳引轮中心线
L OF SHEAVE



B-B承重墩
Bearing frusta

曳引轮中心线
L of sheave

⚠ 电梯土建技术条件

1、 井道内一切建筑必须达到防火要求，不得装设与电梯无关设备、电源等及无关孔洞。
2、 井道必须垂直，井道水平尺寸为最小净空尺寸，且垂直误差0－+25mm/0－30m、0－+30mm/30m－60m、0－+50mm/60m以上。
3、 当底坑底面下有人员能达到的空间存在，则对重缓冲器能安装在一直延伸到坚固地实心桩墩上，或向电梯厂家询问安装对重安全钳。
4、 电梯安装之前，所有层门门洞必须设有高度不小于1.2米的安全防护围封，并应保证需能承受所示各力。
5、 封闭式井道根据需要设通风孔（一般在井道顶部和底部），其面积不得小于井道水平面积的1%，通风孔需设防护网。
6、 电梯厅门、呼梯显示预留洞及其他预留孔洞在电梯安装完毕时需进行回填装修。
7、 电梯井道最好为混凝土结构。如果井道为框架结构，在导轨支架安装处应设置300mm高的混凝土圈梁，并在每层厅门留洞上沿和下沿均设300mm高与井道同宽的混凝土梁。如果井道为实心承重砖墙结构，应在每层厅门留洞上沿和下沿均设300mm高与井道同宽的混凝土梁。
8、 当两相邻层门地坎间距超过11米时，其间应设置一不得向井道内开启的安全门，安全门的尺寸不得小于350mm宽1800mm高。
安全门应装设用钥匙开启的锁，当门开启后不用钥匙亦能将其关闭和锁住，即使在锁住情况下也应能在不需要钥匙的情况下从井道内部打开。
9、 底坑内应防水，若有积水坑，应设在墙角处。
10、根据技术参数表中的要求，把电源拉到机房并设带保护的开关且上锁。电源波动范围不应超过±7%。电源零线和接地线应分开，且接地电阻值不大于4Ω。
11、图中标明的所有载荷，除特别注明外都包含冲击修正量，井道墙和底坑的强度必需能承受所示各力。
12、图中标明的用户自理（预埋钢板等），需预先设置。
13、机房中的温度应保持在5－40℃，机房应平整且必须能够承受不小于7.0kN每平方米的需能承受所示各力。
14、用户需设立救援值班室，并铺设通往机房的通讯线，当走线距离不大于500米时铺设1根六芯双绞屏蔽线($3\times2\times0.75mm^2$)，大于500米时铺设1根五类线。 楼面标准值均布活荷载。

Done by the owner & builder

1. Any equipment, power supply or hole not relating to the elevator should not be installed in the hoistway, and all building parts in the hoistway should comply with the fireproof requirements.
2. Hoistway should be vertical enough with tolerance 0~+25mm/0~30m, 0~+30mm/30~60m, 0~+50mm/60m.and its min.horizontal size is regarded as the hoistway size marked in the drawing.
3. The counterweight should be installed on a solid base that stands on the strong floor directly or a counterweight safety should be installed if there, under the pit,is a space big enough for access of person.
4. All the hole for landing door must set safety pretection barrier,with height no less than 1.2m and enough intensity before installation of elevator.
5. Close hoistway should own ventilating hole (usually at the top or bottom) with protection net and the hole square is no less than 1% of the whole hoistway horizontal square.
6. The reserved hole for landing door, calling display units etc. should be filled in after the installation of elevator.
7. It's better that the hoistway is made of concrete. If it is made of brick, the concrete enclosure of 300mm height should be made in the hoistway wall where the guide brackets will be fixed. Besides, the concrete girder of 300mm height, with the same width as that of hoistway, should be the edges of the hole (up and down edge) that is pre-placed for landing door.
8. A safety door (neither less than 350mm width nor 1800mm height) should be installed and shouldn't be allowed open to the hoistway if the distance between the two adjoining sills is more than 11m.
Safety door shall be equipped with the lock that can be opened and closed without key, and even can be opened inside the hoist way when it is locked.
9. The pit should be waterproof and the plash should be placed at the corner of the pit.
10. According to requirement of the technical parameter sheet, the power should be lined to. the machine room with protection switch and in lock. The fluctuation of the power should be less then ±7%. The N wire and earth wire should be seperated and the ground resistanceis not more than 4ohm.
11. All reactions marked in the drawing include impact amendment unless it is separately marked force.
12. The matters (Bearing PLATE ect.)prepared by the customers shown in the drawing should be pre-placed.
13. The temperature of the machine room should be kept between 5-40℃. The floor of the machine room should be flat and can bear average load of 7.0KN per square meter.
14. A rescue room and communication line shall be installed by the customer. A six core RVSP ($3\times2\times0.75mm^2$) is needed when the distance is less than 500m and a category V is needed when it is more than 500m.

⚠ 用户注意事项

1、 土建技术条件为电梯土建布置的重要组成部分，必须严格遵守。未尽事宜，请参阅国家电梯标准GB7588-2003相关条款。
2、 如土建未按本条款及布置图施工，由用户负责整改，由此而造成的后果均由用户承担。
3、 以上井道尺寸如有变更，请及时以书面形式通知我公司，且要得到我公司认可方能更改。

Notice:

1. Technical condition is the important constitute of the layout, must be complied strictly. For other items not mentioned above, please refer to national code En81;
2. If the layout construction didn't execute according to this drawing and item, the modification should be responsible by the client, and the related after effect be bore by the client;
3. If there are changes of above layout dimension, please inform us in written in time, it can't be changed unless get our confirmation.

载重(kg) Loading Capacity	速度(m/s) speed	轿厢净尺寸(mm) 宽(CW)×深(CD) Cabin size(net)	净开门尺寸(mm) 宽(OP)×高(OPH) Open size	井道净尺寸(mm) 宽(HW)×深(HD) Hosit way size(net)	机房净尺寸(mm) 宽(MW)×深(MD)×高(MH) Matchine room(net)	地坑深度 S(mm)Pit	顶层高度K(mm) Overhead	最大层站数(层) Max.Stop	最大提升高度(m) Max.rise
1000	3	1600x1500	900x2100	2150x2300	2800x4350x2550	3200	6450	48	150
	3.5					3400	6750	48	150
	4					4600	7150	48	150
1150	3	2000x1350	1100x2100	2550x2150	3200x4200x2550	3200	6450	48	150
	3.5					3400	6750	48	150
	4					4600	7150	48	150
1350	3	2000x1550	1100x2100	2550x2300	3200x4350x2550	3200	6450	48	150
	3.5					3400	6750	48	150
	4					4600	7150	48	150
1600	3	2000x1750	1100x2100	2550x2550	3200x4700x2550	3200	6450	48	150
	3.5					3400	6750	48	150
	4					4600	7150	48	150
2000	3	2200x1750	1100x2100	2750x2550	3400x4700x2550	3200	6450	48	150
	3.5					3400	6750	48	150
	4					4600	7150	48	150

注：以上示例图仅供参考 Note: The above map is for reference sample

专业服务　尽在身边
Professional services around

便捷的服务网络：在全国重要城市设立多个售后服务点
Convenient service network: multiple after-sale service points established in major cities

400-826-1112
24小时服务热线

选择优耐德品牌服务
选择安全舒适的乘客体验
选择全球资深维保专家的技术
支持和优耐德多年行业声誉的保证

Select UNITE's service
Select safe and comfortable experience
Select technology provided by global senior maintenance expert
UNITE's years of reputation in the industry

3大解决方案
Three major solutions

维护保养解决方案
Maintenance

通过专业、全面的“预防为主，预检预修”的计划性电梯保养服务，保证电梯安全高效地运行，为客户的资产保值增值。

Professional and full scheduled elevator maintenance service centering “prevention first, servicing first” guarantees running in safe and high-efficiency way, and can keep value of and appreciate customer's property.

修理/升级解决方案
Repair/upgrade

经年累月的运转使电梯部件出现磨损，外观和功能也逐渐过时。优耐德修理/升级解决方案基于电梯现有配置，针对客户需求增设附属硬件或进行系统改良，提高电梯设备的安全性、可靠性、运行效率和舒适度，始终满足乘客期望。

Elevator component may be worn, and appearance and function may gradually get out-of-date upon years of running. Based on current elevator configuration, in UNITE's repair/upgrade solution, auxiliary hardware is added or system is improved as customer demand to improve safety, reliability, running efficiency and comfort and always meet passenger's expectation.

现代化更新解决方案
Modernization update

以最先进的现代电气控制系统取代老化过时的系统，同时保留有价值的关键机械部件。不需要新梯的费用，也不影响楼宇的正常运营，却呈现给您一部崭新电梯的价值

Out-of-date system is replaced with the most advanced modern electrical control system, meanwhile valuable key mechanical components are reserved. On the basis, value of brand-new elevator is brought without cost of new elevator or impact on normal operation of building.